REMARKS

The claims have been amended in order to more completely and accurately describe and distinctly claim the invention and to place the application in better condition for appeal. Inasmuch as no new matter is embodied by the proposed amendments, entry thereof is respectfully requested.

Referring to the rejection of the claims under 35 USC §112, the Examiner is correct in stating that, with regard to Claims 4 and 11, an additional phrase was added by the previous amendment that is redundant. The claims have been amended to eliminate this redundancy. In addition, the previous amendment inadvertently deleted from Claims 4 and 11 the limitation that the concentration of the additive through a cross-section of the composition is a gradient from a low in the interior to a high at the surfaces. The above amendment seeks to re-insert the limitation into these claims.

Respectfully,

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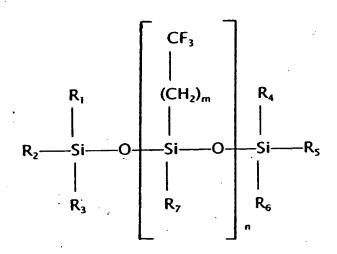
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Version With Markings to Show Changes Made

4. (Twice Amended) A method of forming a composition of matter comprising a cross-linked thermoset resin and from about 0.01 to 5%, by weight of an additive comprising a polyfluoroalkylsiloxane, said additive having a lower surface energy than that of said resin; said method comprising intimately admixing with a cross-linkable thermosetting resin providing composition (I) a polyfluoroalkylsiloxane having the formula:



wherein R_1 , R_2 , R_3 , R_4 , R_5 , R_6 and R_7 may be the same or different and may be alkyl, cycloalkyl or aryl; R_7 may also be -(CH₂)m-CF₃; m is an integer from 0 to 20, and n is an integer from 1 to 5,000;

a silanol terminated derivative of said polyfluoroalkylsiloxane or a copolymer of said polyfluoroalkylsiloxane or a copolymer of said polyfluoroalkylsiloxane with an alkyl, aryl or alkyl-aryl-siloxane;

[a copolymer of said polyfluoroalkylsiloxane with an alkyl, and aryl or alkyl-

aryl-siloxane, or a silanol terminated derivative of said ppolyfluoro-alkylsiloxane].

followed by subjecting said mixture to conditions which produce a crosslinked, thermoset solid resin wherein the concentration of said additive thorough a cross-section of said composition is lower in the interior thereof and higher at the surfaces thereof.

11. (Twice Amended) A composition of matter comprising (1) a cross-linked thermoset resin and (2) from about 0.01 to 5%, by weight, based on total weight of the composition of a polyfluoroalkylsiloxane having the formula:

wherein R_1 , R_2 , R_3 , R_4 , R_5 , R_6 and R_7 may be the same or different and may be alkyl, cycloalkyl or aryl; R_7 may also be -(CH₂)-mCF₃; m is an integer from 0 to 20, and n is an integer from 1 to 5,000;

a silanol terminated derivative of said polyfluoroalkylsiloxane or a copolymer of said polyfluoroalkylsiloxane or a copolymer of said polyfluoro-alkylsiloxane with an alkyl, aryl or alkyl-aryl-siloxane;

[a copolymer of said polyfluoroalkylsiloxane with an alkyl, aryl or alkylarylsiloxane, or a silanol terminated derivative of said polyfluoro-alkylsiloxane].

12	wherein the concentration of said polyfluoroalkylsiloxane through a cross-
13	section of said composition is lower in the interior thereof and higher at the surfaces
14	thereof.